

TWO BIG WRECKS IN NEW MEXICO TIE UP SOUTHWESTERN

Freight Engines Demolished
in Head-On Collision.

GOLDEN STATE LIMITED
PLUNGES DOWN EMBANKMENT

The El Paso and Southwestern railway in New Mexico came to the front during the past week with two first-class wrecks. Two heavy freight trains met in a frightful head-on collision seven miles north of El Paso early Sunday morning, and less than two hours afterward the crack Golden State Limited train of the Rock Island went into the ditch near Conant, N. M., a few miles south of Tucuman. The two wrecks tied up traffic entirely for twelve hours.

The freight smashup occurred on a tangent, and the headlights of the approaching trains were clearly visible for miles. A material yard sidetrack is one mile south of the point where the accident occurred, and the engineer of the southbound train is believed to have thought the northbound train was on the siding.

When the engines collided, the northbound train, the engineer says, was at a standstill, while the southbound train, running down grade, was howling along at a merry clip.

The northbound engine No. 151, was battered out of all semblance to a modern locomotive, while the southbound No. 169, escaped with slight injury, only its pilot being demolished. The cars all suffered seriously.

The injured persons all escaped with slight bruises and sprains. They were:

J. D. McConaughy, engineer of the southbound train, wrist and ankle sprained, generally shaken up.

Terridad Flores and Evaristo Lenos, Mexicans, who were stealing a ride, buried under six feet of coke but uninjured except for external bruises and cuts.

There was an exciting time when the men were dug out.

In the wreck of the Limited every car except the observation car left the track, the composite, tourist sleeper and diner going down the embankment. One woman, an Iowa, was injured. Otherwise the only injuries were slight bruises.

Heavy snows had fallen in that district and began to melt Saturday. The track was considerably softened, and as No. 44, traveling at a speed of 20 miles an hour, passed over the track the rails spread under the tender. Only the front trucks of the standard Pullman left the rails. The observation car remained on the track.

The accident occurred at 1:30 Sunday morning and in the darkness great confusion resulted. At first it was believed that there were many injuries and the first reports which were sent out told of a long list of casualties.

onomically, may be applied to the locomotive.

On steamships a slow-speed medium pressure, cruising turbine is inserted in front of the main high-speed turbine. For a heavy load corresponding to the starting of a train by a locomotive, both turbines are supplied with high-pressure steam. It is quite probable, therefore, that the turbine locomotive will employ the compound principle and include a number of turbines so as to secure a superior economy under variable conditions of speed and load.

What a happy man the future motive power superintendent will be, when it is only necessary to turn steam on the buzz wheel and the train starts off. There will then be no pounding of driving boxes nor of rods, no guides to be lubricated and kept in adjustment, no slide valves, with their wear and cutting and imperfect performance. Should the turbine require repairs the drop table will remove driving wheels, engine and all, and a new set will replace them within the same hour. A successful turbine locomotive will make the competition of the electric locomotive still more difficult, and it is possible that in this new form the steam locomotive will continue in use for many years to come.

Scarcity of Locomotive Firemen.

The United States army and navy departments are finding difficulty in filling the ranks when new equipment is added. When large battleships or heavy guns for sea coast defense are completed the departments are embarrassed by a scarcity of men necessary for the operation of the machinery. A similar condition is already commencing to show itself with the railroads. They are supplying themselves with large additions to the equipment of locomotives and cars, but the scarcity of firemen and brakemen in some sections is becoming serious. The want of firemen may be explained to some extent by the fact that there is a tendency to require new firemen to work on the largest locomotives, and the rules of the Firemen's Brotherhood sustain the older men in securing the places where work is least laborious. Employment for new men under this condition is no longer attractive, and the men who were formerly eager to secure positions as firemen now find no difficulty in obtaining equal wages for work which is more pleasant and less laborious. The solution of this difficulty evidently lies in the development and use of the machine stoker, which will perform the hardest part of the work of firing large locomotives. The design for a successful machine for doing this work have been worked out, but they do not appear to be so completely developed as to insure general adoption. If the volume of business is so great this winter that the railroads cannot handle it with improved terminals, ample tracks and a sufficient supply of locomotives and cars, and the weak point is lack of firemen, then the managements must take up more earnestly than heretofore the automatic stoker for locomotives. This is believed to be found the most effective method for preventing the congestion of traffic in the future.

Freight blockades now seem imminent and it is too late to prevent them by such means during this season; but if the railroads resort to the obvious remedy, it should produce a boom in the stoker business next year.—Railway Age.

A Gift for Conductors.

A full leather train book cover, with name on the side in gold would be a most suitable gift for your railroad friend, sweetheart, husband or brother. Get them of Mitchell & Lithgow, the bookbinders at the Journal office.

GROCERIES! GROCERIES! GROCERIES! THE FINEST LINE OF GROCERIES IN THE CITY, AT F. G. PRATT & CO.'S, 214 S. SECOND ST.

The very best of Kansas City beef and mutton at Emil Kleinwort's, 112 North Third street.

Williams, Ariz., Sept. 26, 1905.
MR. W. E. NEAL, General Agent,
Union Central Life Insurance Company,
Albuquerque, New Mexico.

DEAR SIR: I am just in receipt of your letter informing me that the cash dividend on my policy of \$25,000 in your Company is \$423.75. The amount of the premium on my policy is \$2318.75. This cash dividend of \$423.75 is 18 per cent of the premium. This is better than you told me it would be and shows excellent management on the part of the Company. Very truly,
E. B. PERRIN.

WOULD YOU LIKE TO HAVE A POLICY LIKE THE ABOVE? WE HAVE A FEW MORE LEFT. FOR FULL PARTICULARS WRITE

W. E. NEAL, Albuquerque, N. M.
General Agent for New Mexico, Arizona and Western Texas.

Holly Roping
Mistletoe
Smilax
Holly Wreaths
Greens Wreaths
Immortelle Wreaths
Christmas Bells
Just in by Express

Christmas Candies Nuts and Raisins
in mammoth quantities

The Jaffa Grocery Co
"Good Things to Eat"

Automatic Phone 244 Colo. Phone Blk 292

CHRISTMAS SUGGESTIONS

SUIT
OVERCOAT
DINLAP HAT
NECKWEAR
GLOVES
HOSIERY
MANHATTAN SHIRTS
HOUSE COAT
NIGHT ROBE
SUSPENDERS
MUFFLER
UMBRELLA
BATH ROBE
COLLARS AND CUFFS
RAIN COAT

Christmas Bells will soon be ringing and the old problem of "What shall I give Him for Christmas?" will once more confront you.

We have made a few suggestions above and, should you fail to find a suitable item on the list, we would be pleased to have you call and we'll do all in our power to assist you.

A good rule to follow in selecting gifts for a Man is to buy what he would be apt to buy for himself.

All our prices are moderate, and we are always at your service.

A Ufine Collar and Cuff Box with each Suit.

Nelson \$3.50 and
\$4.00 Suits
Dunlop Hats
Nettleton's Shoes

M. MANDELL

Fine Clothing & Furnishings, Albuquerque

Manhattan Shirts
Earl & Wilson
Shirts
Jager Underwear

Albuquerque Roof Paint

IMPERVIOUS TO HEAT
OR COLD. CONTAINS NO
ACID. WILL NOT RUN,
CRACK OR BLISTER.
NONE BETTER. SOLD BY
THE GALLON OR
CONTRACTS MADE

Borradaile & Co
Agents, 117 West Gold Avenue

THOS. F. KELEHER

Leather, Harness, Saddles, Lap Robes,
Horse Blankets, Etc.

Paints, Oils and Varnishes

Palmetto Roof Paint Lasts Five Years
and Stops Leaks.

Cash Paid for Hides and Pelts.

408 WEST RAILROAD AVENUE

WM. FARR

Wholesale and Retail Dealer in
Fresh and Salt Meats

SAUSAGE A SPECIALTY

FOR CATTLE AND HOGS BIGGEST
MARKET PRICE PAID



YOUR HORSE

Will look well and feel well when
you have one of our genuine

"5-A" Horse Blankets

on him. Low Prices Now. Large
New Stock.

Carriages, Buggies and
Saddles, and

LIGHT AND HEAVY HARNESS

J. KORBER & CO.

Corner First Street and Copper Avenue.

ALBUQUERQUE NEW MEXICO

SUPERIOR PLANING MILL COMPANY

Sash, Doors, Mouldings, House
Trimming and Stair Work, Bar Fixtures, Window
and Door Frames, Refrigerators, Counters, Shelving
and all kinds of Machine Work neatly done.

G. E. GUSTAFSON, Proprietor. South of Viaduct, ON FIRST ST

TURBINE LOCOMOTIVES.

They Are Being Perfected and Will
Soon Be in Use on Roads.

The successful and extensive application of the steam turbine to most of the purposes for which the reciprocating steam engine is used has led engineers to speculate upon the possibility of its use as a locomotive engine, and several designs for such an application by prominent builders have already appeared in foreign technical journals, says the Railway Age.

The principal objection to the usual design for the simple engine in locomotives is the destructive effect of the counterbalance for the reciprocating parts at high speed, which is damaging to the track and to the engine. There is also the wear and expense for repairs, much of it due to the constant stopping and starting of the piston crosshead and valve twice during every revolution. The former objection, relating to counterbalance, is successfully overcome by the use of four cylinders with pistons arranged so that the reciprocating parts balance each other, but it is at the expense of a duplication of parts which still retain the longitudinal motion of piston and crosshead, and the expense for the repairs of these parts must increase with the number. There is also the constant uncertainty of the crank axle with the restricted surface of the main rod bearings when they require removal for the adjustment of wear or on account of heating.

Although the four-cylinder balanced locomotive is a marked improvement in its operation, in the matter of maintenance and repairs it must of necessity be a more expensive machine. At present it is regarded by many as the ultimate improvement in the steam locomotive, and its final form before giving away to the electric motor. The advantages of the rotary engine in having a uniform turning moment, perfect balance, simplicity and fewer moving parts and its ready adaptation to high speed, appeal to engineers as attractive features in the further improvement of the steam locomotive for competition with its electric rival.

The most favorable conditions for the steam turbine are high velocity, constant speed and revolution in one direction. In its application for driving electric generators, these conditions are easily met and appear to be a natural development. The steam locomotive, however, requires the engine to work under conditions entirely opposite to all these; that is it must have a variable speed, turning moment, and operate at slow speed, and it must be reversible. A reversible turbine has been developed in connection with its use for marine purposes and it is now in successful operation.

The most difficult feature in the application of the turbine to the locomotive is the possibility of getting a maximum turning moment for starting and one of sufficient magnitude to develop a high tractive power at slow speed. This must be combined with economical operation at high speed, and thus far steam turbines have not been developed along these lines. The conditions of engine load in marine service are somewhat similar to those in the motive power for railroads, and the principles employed in the modifications of the marine turbine, which enable it to handle variable loads eco-



On the payment of a small
deposit down we will
cheerfully hold—subject
to your order—anything
you may select from now
till Christmas.

Early Shopping is Advisable

From now on the Store will be crowded in the afternoons.
You can choose your gifts in the morning hours more at
your leisure.

Furs as a Gift

Furs are the most acceptable. Style, grace and that
air of "difference" so dear to a woman's heart—these are
the qualities which cause women to select their furs here.
We are justly proud of our furs—of their quality, their
elegance and shapeliness. We promise to all good values
on all of them.

Christmas Neckwear

The gift-buying season is now at its height—and we
are pleased to announce that this Neckwear section of
ours is ready with a most beautiful assortment of dainty
and appropriate neck fixings—just the things that will
meet with your fancy. High class tailored Stocks, also
dainty hand-embroidered Linen Collar and Cuff Sets.

Several special Neckwear assortments for this week
at 25c, 35c, 50c, 75c and \$1.00.

Holly Ribbons—An excellent assortment of Holly
Ribbons in widths 1/4 to 4 inches wide, at 2c to 50c a
yard.

The Christmas Bags

Nothing better for Christmas gifts than good Bags—
we are offering many special values in high grade Carriage
and Vanity Bags. See our great \$1.00 assortment.
An even dozen of styles to choose from in this lot.

Jeweled and Mounted Combs

A most beautiful collection here of fine Jeweled and
Mounted Back and Side Combs. We sell them single or
in match sets—some excellent values in Comb Sets at
\$1.00, \$1.25, \$2.00 and up to \$5.00.

Fans for Gifts

A dainty, pretty Fan as a gift for the young lady—a
large assortment here to choose from—at 50c, 75c, \$.00,
\$1.50, \$2.00 and \$3.00.

Novelties in Belts for Holiday Gifts—Artistic and
beautiful choice gifts that will be appreciated.

THE ECONOMIST

Albuquerque's Brightest and Busiest Store
STORE OPEN EVENINGS UNTIL CHRISTMAS.

A FEW MORE DAYS and Christmas will be here. Do you realize how short a time you have in which to make your selections? Through careful and intelligent preparation we have assembled a most brilliant Holiday stock. It is, indeed, an emporium of practical giveables—proffered in a practical way. It offers common-sense answers to the perplexing question of what to give. It lessens the burden and increases the pleasure of holiday shopping. The character and correctness of our styles are established by long years of successful cateringship. The reasonableness of our prices is too well known to call for special comment. You are—from every point of view—in safe precincts here. Read on.

Special Sale in Our Ready-to-Wear Department

Ladies' Walking Skirts
A great saving here. The Skirt opportunity of the season—mixtures, serges, Panamas, chevrons, in the prevailing plaids and checks, grays and greens, browns and blacks, blues and mixtures. Very special for\$5.95

Women's Tailored Suits at the Very Lowest Prices

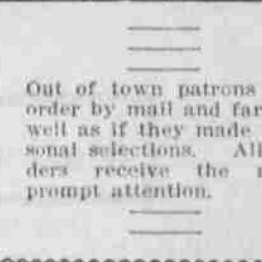
"Tailored" expresses their appearance—neat, dressy, not ordinary nor lawdy—not severe, not prim—knack created them. The details of fit and finish we look to. In short, they are suits that possess simple elegance, simple grace and style. You'll appreciate the discrimination we made in their purchase.
One hundred black and mixture cloth suits. The entire lot divided into four lots for easy selling, as follows:
Lot No. 1—Suits in this lot worth up to \$12.50, at\$7.48
Lot No. 2—Suits in this lot worth up to \$15.00, at\$10.48
Lot No. 3—Suits in this lot worth up to \$20.00, at\$12.48
Lot No. 4—Suits in this lot worth up to \$30.00, at\$17.98

Opera Coats at Almost Half
Our entire stock of Evening Coats reduced to close them out, and any one of these will make a handsome gift.

Christmas Gloves

If Gloves are to be bought for Holiday gifts—and Gloves are the ONE article of dress that good form permits you to present "my lady"—then our Glove Department should have your patronage. Selection is practical unlimited—styles are correct—and prices the lowest. The large stock assures satisfaction when gloves are bought back to exchange for the right size or color.
If doubtful about size or color desired, the "Glove Order" solves the problem. Can be made out for any number of pairs, and for any value—can be used at any time. Value can be specified or not, as wished.

ALL OUR HOLIDAY TOYS REDUCED TO CLOSE THEM OUT



Out of town patrons can
order by mail and fare as
well as if they made per-
sonal selections. All or-
ders receive the most
prompt attention.

Early Shopping is Advisable

REMEMBER—How much more pleasant is the forenoon trading.

A Gift Suggestion

We have a brilliant assortment of Negligee and Boudoir Robes in silk, cashmere, albatross, and elder-down. No Christmas present to a lady is more gratefully received.

Umbrellas

An umbrella is a present useful and very attractive. A GOOD umbrella will prove satisfactory after months of wear—and we sell the GOOD kind—umbrellas that are guaranteed in every way. In Ladies Umbrellas we have splendid values—at \$3.50, \$5.00 and \$7.50—handles mounted in sterling. At the same prices we have Men's Umbrellas with fine horn—natural woods—or gun metal—sterling mounted. You save from \$1.00 to \$2.50 on any of these umbrellas.

Raincoats—Very Best and Cheap

Time was when Raincoats were a luxury to be had only when one had several other coats—but now they're a necessity—they come first of all. It's a luxury that will cost you but little here. Better goods we couldn't find—we know you can't find better prices.

An Appreciative Gift—Silk Petticoats

A gift of a Silk Petticoat never comes amiss—specially priced for our holiday sale are the great collection of Silk Underskirts we show; every shade and color is beautifully provided.
New Taffeta Silk Petticoats, in black and colors, made with tucked circular flounce, full flare, for \$4.75.
New Rustling Taffeta Silk Petticoats, black and colors, trimmed with two shirred flounces and ruchings, for \$7.50.

A handsome new assortment of Taffeta Silk Petticoats, in black and all the new plaid and changeable effects, trimmed with accordion plaiting and ruching or shirred and circular flounce effects, from \$10 to \$22.50.

A Practical Gift

Our Trunk and Bag Department, on the second floor, offers Suit Cases or Bags at 10 per cent discount. What is better for a Christmas gift.
Our entire stock is included in this sale.